Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method of communicating, comprising the steps of:

detecting one of a predetermined set of abnormal conditions at a plurality of managed devices;

transmitting abnormal condition information including a corresponding abnormal condition type on the detected abnormal condition from the managed device to ~~the~~ a management device, the corresponding managed device defining an originating managed device;

receiving the abnormal condition information at the management device to store and manage the received abnormal condition information;

sending a power activation report from the originating managed device to the management device upon temporarily switching off a main power supply of the originating managed device for subsequent power activation prior to removal of the previously detected abnormal condition from the managed device;

receiving the power activation report at the management device;

detecting removal of the previously detected abnormal condition from ~~acorresponding one of~~ the originating managed devices~~, the corresponding managed device defining an originating managed device~~;

transmitting from the originating managed device to the management device an abnormal condition removal call corresponding to the previously detected abnormal condition;

receiving the abnormal condition removal call at the management device;

notifying a center operator of the detected abnormal condition if the corresponding abnormal condition removal call or the power activation report has not been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management device;

notifying a center operator of the detected abnormal condition if the corresponding abnormal condition removal call has not been received from the originating managed device within a second predetermined amount of time t2 since the reception of the power activation report at the management device even if the power activation report has been received within the first predetermined amount of time t1 since the reception of the abnormal condition information at the management device; and

determining that the previously detected abnormal condition has not been removed by the temporarily switching off of the main power supply of the originating managed device, if so determined, deleting a corresponding one of the abnormal condition information stored at the management device based upon the received abnormal condition removal call and the stored abnormal condition information.

2. (Previously amended) The method of communicating according to claim 1 wherein the abnormal condition information is distinct for each of the managed devices, and the abnormal condition information is stored and managed for each of the managed devices at the management device.

3. (previously amended) The method of communicating according to claim 2 wherein the abnormal condition removal call is distinct for each of the abnormal condition types.

4. (original) The method of communicating according to claim 1 wherein the abnormal condition removal call indicates the removal of all of the abnormal conditions at a single one of the managed devices.

5. (cancel)

6. (cancel)

7. (cancel)

8. (cancel)

9. (currently amended) The method of communicating according to ~~any one of claims 5, 6 and 8~~claim 1 further comprising additional steps of:

storing user information for each of the managed devices at the management device; and

determining the first predetermined amount of time t1 based upon the stored user information.

10. (currently amended) The method of communicating according to ~~any one of claims 6 and 8~~claim 1 further comprising additional steps of:

storing device information for each of the managed devices at the management device; and

determining the second predetermined amount of time t2 based upon the stored device information.

11. (currently amended) The method of communicating according to claim 1 wherein the abnormal condition information, the abnormal condition removal call and the power activation report are written in a predetermined structured language and sent through firewalls.

12. (currently amended) A memory medium for storing computer readable instructions for performing the tasks of communicating, the instructions performing the tasks of:

detecting one of a predetermined set of abnormal conditions at a plurality of managed devices;

transmitting abnormal condition information including a corresponding abnormal condition type on the detected abnormal condition from the managed device to ~~the~~ a management device, the corresponding managed device defining an originating managed device;

receiving the abnormal condition information at the management device to store and manage the received abnormal condition information;

sending a power activation report from the originating managed device to the management device upon temporarily switching off a main power supply of the

originating managed device for subsequent power activation prior to removal of the previously detected abnormal condition from the managed device;

receiving the power activation report at the management device;

detecting removal of the previously detected abnormal condition from ~~acorresponding one of~~ the originating managed devices~~, the corresponding managed device defining an originating managed device~~;

transmitting from the originating managed device to the management device an abnormal condition removal call corresponding to the previously detected abnormal condition;

receiving the abnormal condition removal call at the management device;

notifying a center operator of the detected abnormal condition if the corresponding abnormal condition removal call or the power activation report has not been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management device;

notifying a center operator of the detected abnormal condition if the corresponding abnormal condition removal call has not been received from the originating managed device within a second predetermined amount of time t2 since the reception of the power activation report at the management device even if the power activation report has been received within the first predetermined amount of time t1 since the reception of the abnormal condition information at the management device; and

determining that the previously detected abnormal condition has not been removed by the temporarily switching off of the main power supply of the originating managed device, if so determined, deleting a corresponding one of the abnormal condition information stored at the management device based upon the received abnormal condition removal call and the stored abnormal condition information.

13. (previously amended) The memory medium for storing computer readable instructions according to claim 12 wherein the abnormal condition information is distinct

for each of the managed devices, and the abnormal condition information is stored and managed for each of the managed devices at the management device.

14. (previously amended) The memory medium for storing computer readable instructions according to claim 13 wherein the abnormal condition removal call being distinct for each of the abnormal condition types.

15. (previously amended) The memory medium for storing computer readable instructions according to claim 12 wherein the abnormal condition removal call indicates the removal of all of the abnormal conditions at a single one of the managed devices.

16. (cancel)

17. (cancel)

18. (cancel)

19. (cancel)

20. (currently amended) The memory medium for storing computer readable instructions according to ~~any one of claims 16, 17 and 19~~claim 12 further comprising additional tasks of:

storing user information for each of the managed devices at the management device; and

determining the first predetermined amount of time t1 based upon the stored user information.

21. (currently amended) The memory medium for storing computer readable instructions according to claim 12~~any one of claims 17 and 19~~ further comprising additional tasks of:

storing device information for each of the managed devices at the management device; and

determining the second predetermined amount of time t2 based upon the stored device information.

22. (currently amended) The memory medium for storing computer readable instructions according to claim 12 wherein the abnormal condition information, the abnormal condition removal call and the power activation report are written in a predetermined structured language and sent through firewalls.

23. (currently amended) A management apparatus for remotely managing a plurality of predetermined managed apparatuses over a computer network, each of the managed apparatuses including an abnormal condition reporting unit for reporting to the management apparatus abnormal condition information including a corresponding abnormal condition type on an abnormal condition that is detected in the managed apparatus and an abnormal condition removal reporting unit for reporting to the management apparatus abnormal condition removal information if the detected abnormal condition has been removed in the managed apparatus, a corresponding one of the managed apparatus that is transmitting the abnormal condition removal information defining an originating managed apparatus, comprising:

a communication unit for communicating with the managed apparatuses for receiving the abnormal condition information and the abnormal condition removal information, said communication unit receiving a power activation report at the management apparatus from the originating managed apparatus after a main power supply of the originating managed apparatus had been temporarily switched off for subsequent power activation prior to receiving the abnormal condition removal information;

an abnormal condition information management unit connected to said communication unit for storing and managing the abnormal condition information including the corresponding abnormal condition type that is received from the managed apparatuses; ~~and~~

an abnormal condition removal determination unit connected to said abnormal condition information management unit and said communication unit for determining whether or not the abnormal condition has been removed from the managed apparatus based upon the abnormal condition removal information and the stored abnormal condition information;and

an abnormal condition notifying unit connected to said abnormal condition removal determination unit for notifying a center operator of the detected abnormal condition when the corresponding abnormal condition removal information or the power activation report has not been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management apparatus, said abnormal condition notifying unit for notifying the center operator of the detected abnormal condition if the corresponding abnormal condition removal information has not been received from the originating managed apparatus within a second predetermined amount of time t2 since the reception of the power activation report at the management apparatus even if the power activation report has been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management apparatus.

24. (previously amended) The management apparatus according to claim 23 wherein the abnormal condition information is distinct for each of the managed apparatuses, and said abnormal condition information management unit manages the abnormal condition information for each of the managed apparatuses.

25. (previously amended) The management apparatus according to claim 24 wherein the abnormal condition removal information is distinct for each of the abnormal condition types.

26. (original) The management apparatus according to claim 23 wherein the abnormal condition removal information indicates the removal of all of the abnormal conditions at a single one of the managed apparatuses.

27. (cancel)

28. (cancel)

29. (cancel)

30. (cancel)

31. (currently amended) The management apparatus according to ~~any one of claims 27, 28 and 30~~claim 23 further comprising:

a user information storing unit connected to said abnormal condition removal determination unit for storing user information for each of the managed apparatuses, said abnormal condition removal determination unit determining the first predetermined amount of time t1 based upon the stored user information.

32. (currently amended) The management apparatus according to claim 23~~any one of claims 28 and 30~~ further comprising:

a device information storing unit connected to said abnormal condition removal determination unit for storing device information for each of the managed apparatuses, said abnormal condition removal determination unit determining the second predetermined amount of time t2 based upon the stored device information.

33. (currently amended) The management apparatus according to claim 23 wherein the abnormal condition information, the abnormal condition removal call and the power activation report are written in a predetermined structured language and sent through firewalls.

34. (currently amended) A remote management system for managing devices over a computer network, comprising:

a plurality of predetermined managed apparatuses, each of the managed apparatuses further comprising:

a first communication unit for communicating with a management apparatus;

a detection unit for detecting an abnormal condition within the managed apparatus;

an abnormal condition reporting unit connected to said first communication unit for reporting abnormal condition information including a corresponding abnormal condition type on the detected abnormal condition; and

a abnormal condition removal reporting unit connected to said first communication unit for reporting abnormal condition removal information if the detected abnormal condition has been removed in the managed apparatus, a corresponding one of the managed apparatus that is transmitting the abnormal condition removal information defining an originating managed apparatus;

the management apparatus comprising:

a second communication unit for communicating with the managed apparatuses for receiving the abnormal condition information and the abnormal condition removal information, said second communication unit receives a power activation report at the management apparatus from the originating managed apparatus after a main power supply of the originating managed apparatus had been temporarily switched off for subsequent power activation prior to receiving the abnormal condition removal information;

an abnormal condition information management unit connected to said second communication unit for storing and managing the abnormal condition information including the corresponding abnormal condition type that is received from the managed apparatuses; ~~and~~

an abnormal condition removal determination unit connected to said abnormal condition information management unit and said second communication unit for determining whether or not the abnormal condition has been removed from the managed apparatus based upon the abnormal condition removal information and the stored abnormal condition information; and

an abnormal condition notifying unit connected to said abnormal condition removal determination unit for notifying a center operator of the detected abnormal condition when the corresponding abnormal condition removal information or the power activation report has not been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management apparatus, said abnormal condition notifying unit for notifying the center operator of the detected abnormal condition if the corresponding abnormal condition removal information has not been received from the originating managed apparatus within a second predetermined amount of time t2 since the reception of the power activation report at the management apparatus even if the power activation report has been received within a first predetermined amount of time t1 since the reception of the abnormal condition information at the management apparatus.

35. (previously amended) The remote management system according to claim 34 wherein the abnormal condition information is distinct for each of the managed apparatuses, and said abnormal condition information management unit manages the abnormal condition information for each of the managed apparatuses.

36. (previously amended) The remote management system according to claim 35 wherein the abnormal condition removal information is distinct for each of the abnormal condition types.

37. (original) The remote management system according to claim 34 wherein the abnormal condition removal information indicates the removal of all of the abnormal conditions at a single one of the managed apparatuses.

38. (cancel)

39. (cancel)

40. (cancel)

41. (cancel)

42. (currently amended) The remote management system according to ~~any one of claims 38, 39 and 41~~ claim 34 wherein said management apparatus further comprises:

a user information storing unit connected to said abnormal condition removal determination unit for storing user information for each of the managed apparatuses, said abnormal condition removal determination unit determining the first predetermined amount of time t1 based upon the stored user information.

43. (currently amended) The remote management system according to claim 34~~any one of claims 39 and 41~~ wherein said management apparatus further comprises:

a device information storing unit connected to said abnormal condition removal determination unit for storing device information for each of the managed apparatuses,

said abnormal condition removal determination unit determining the second predetermined amount of time t2 based upon the stored device information.

44. (currently amended) The remote management system according to claim 34 wherein the abnormal condition information, the abnormal condition removal call and the power activation report are written in a predetermined structured language and sent through firewalls.